PTO/SB/08a (05-07)
Approved for use through 09/30/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	10678723
Filing Date	2003-10-02
First Named Inventor	Eduardo Marban
Art Unit	1632
Examiner Name	MONTANARI, DAVID A
Attorney Docket Number	001107.00459

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] ¡	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							☐

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	10678723
	Filing Date	2003-10-02
	First Named Inventor	Eduardo Marban
	Art Unit	1632
	Examiner Name	MONTANARI, DAVID A
	Attorney Docket Number	001107.00459

	1	Zaritsky et al., "Targeted Disruption Of Kir2.1 And Kir2.2 Genes Reveals The Essential Role Of The Inwardly Rectifying K+ Current In K+ Mediated Vasodilation" (2000) Circ. Res. 87:160-166	☐
	2	Nuss HB et al. "Overexpression Of A Human Potassium Channel Suppresses Cardiac Hyperexcitability In Rabbit Ventricular Myocytes" (1999) JCI 103(6):889-896	☐
	3	Nuss HB et al., "Reversal Of Potassium Channel Deficiency In Cells From Failing Hearts By Adenoviral Gene Transfer; A Prototype For Gen Therapy For Disorders Of Cardiac Excitability And Contractility" (1996) Gene Therapy 3 (3):900-912	☐
	4	Plaster et al., "Mutation In Kir 2.1 Cause The Developmental And Episodic Electrical Phenotypes Of Anderson's Syndrome" (2001) Cell 105:511-519	☐
	5	Plotinikov, AN, "Biological Pacemaker Implanted In Canine Left Bundle Branch Provides Ventricular Escape Rhythms That Have Physiologically Acceptable Rates" (2004) Circulation 109: 506-512	☐
	6	Proenza et al., "Pacemaker Channels Produce And Instantaneous Current" (2002) JBC 277(7):5101-5109	☐
	7	Rosen, MR et al., "Genes, Stem Cells And Biological Pacemakers" (2004) Cardiovasc. Res. V. 64(1):12-23	☐
	8	Saffitz et al., "Mechanisms Of Remodeling Of Gap Junction Distributions And The Development Of Anatomic Substrates Of Arrhythmias" (1999) Cardiovasc Res. 42:309-317	☐
	9	Schroder "Gene Delivery Approaches To Heart Failure Treatment" (2004) Expert Opin. Biol. Ther. 4(9):1413-1422	☐
	10	Sehareseyon J et al., "Molecular Composition Of Mitochondrial ATP-Sensitive Potassium Channels Probed By Viral Kir Gene Transfer" (2000) J. Mol. Cell. Cardiol. 32:1923-1930	☐
	11	Sobey et al., "Knockout Blow For Channel Identity Crisis Vasodilation To Potassium Is Mediated Via Kir2.1" (2000) Circ. Res. 87:83-84	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	10678723
	Filing Date	2003-10-02
	First Named Inventor	Eduardo Marban
	Art Unit	1632
	Examiner Name	MONTANARI, DAVID A
	Attorney Docket Number	001107.00459

	12	Sugiyama A et al., "Measurement Of Adenylyl Cyclase Activity In The AV Nodal Region Of The Canine Heart: Evidence For Inhibition By Adenosine And Acetylcholine" (1997) J. of Cardiovasc. Pharm. vol. 29, pp. 734-739	☐
	13	Swifka et al., "Epicardial Fat From Guinea Pig: A Model To Study The Paracrine Network Of Interactions Between Epicardial Fat And Myocardium?" (2008) Cardiovasc. Drugs and Ther. 22:107-114	☐
	14	Tinker et al., "Regions Responsible For The Assembly Of Inwardly Rectifying Potassium Channels" (1996) Cell 87:857-868	☐
	15	Tiritilli, A., "DOCA-Salts Induce Heart Failure In The Guinea Pig" (2001) Eur. J. of Heart Fail. 3:545-551	☐
	16	Tomaselli GF et al., "Electrophysiological Remodeling In Hypertrophy And Heart Failure" (1999) Cardiovascular Res. 42:270-283	☐
	17	Weimann, JM et al, "Stable Reprogrammed Heterokaryons Form Spontaneously In Purkinje Neurons After Bone Marrow Transplant" (2003) Nature Cell Biol. 5(11):959-966	☐
	18	Xue T et al., "Dominant-Negative Suppression Of HCN-1 And HCN-2-Encoded Pacemaker Current By An Engineered HCN1 Construct (Insights Into Structure-Function Relationships And Multimerization)" (2002) Circ. Res. 90:1267-1273	☐
	19	Xue T et al., "Functional Integration Of Electrically Active Cardiac Derivatives From Genetically Engineered Human Embryonic Stem Cells With Quiescent Recipient Ventricular Cardiomyocytes" (2005) Circulation 111(1): 11-20	☐
	20	Yamagishi T et al., "Molecular Architecture Of The Voltage-Dependent NA Channel: Functional Evidence For Helicase In The Pore" (2001) J. Gen Phys. 118:171-181	☐
	21	Yla-herttuala, "Cardiovascular Gene Therapy" (2000) Lancet 355:213-222	☐

If you wish to add additional non-patent literature document citation information please click the Add button Add

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	10678723
	Filing Date	2003-10-02
	First Named Inventor	Eduardo Marban
	Art Unit	1632
	Examiner Name	MONTANARI, DAVID A
	Attorney Docket Number	001107.00459

EXAMINER SIGNATURE			
Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.